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(51) INT CL⁴
F24D 19/06

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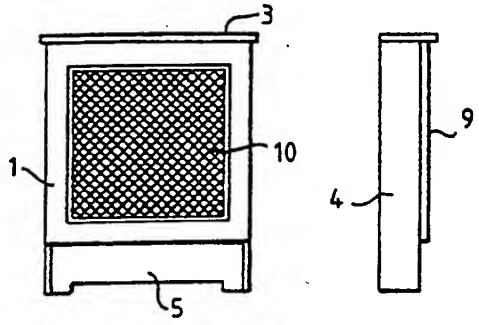
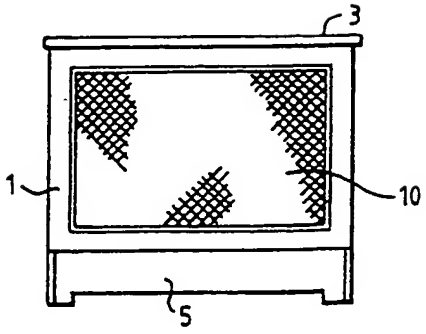
(56) Documents cited
GB 2185563 A **GB 0224723 A**

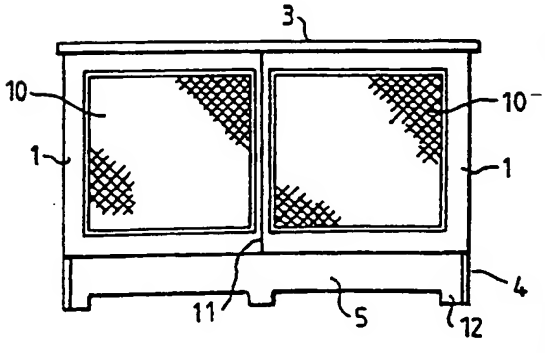
(58) Field of search
UK CL (Edition J) **F4S**
INT CL⁴ **F24D**

(54) Radiator covers

(57) A set of parts comprises a plurality of front panels 1 each defining a ventilation opening, a plurality of tops 3, a plurality of sides 4 and a plurality of plinths 5, whereby a module can be assembled to provide a cover for a wall-mounted radiator. When assembled, the cover is a box which has an open, in use back, which is offered up to the wall.







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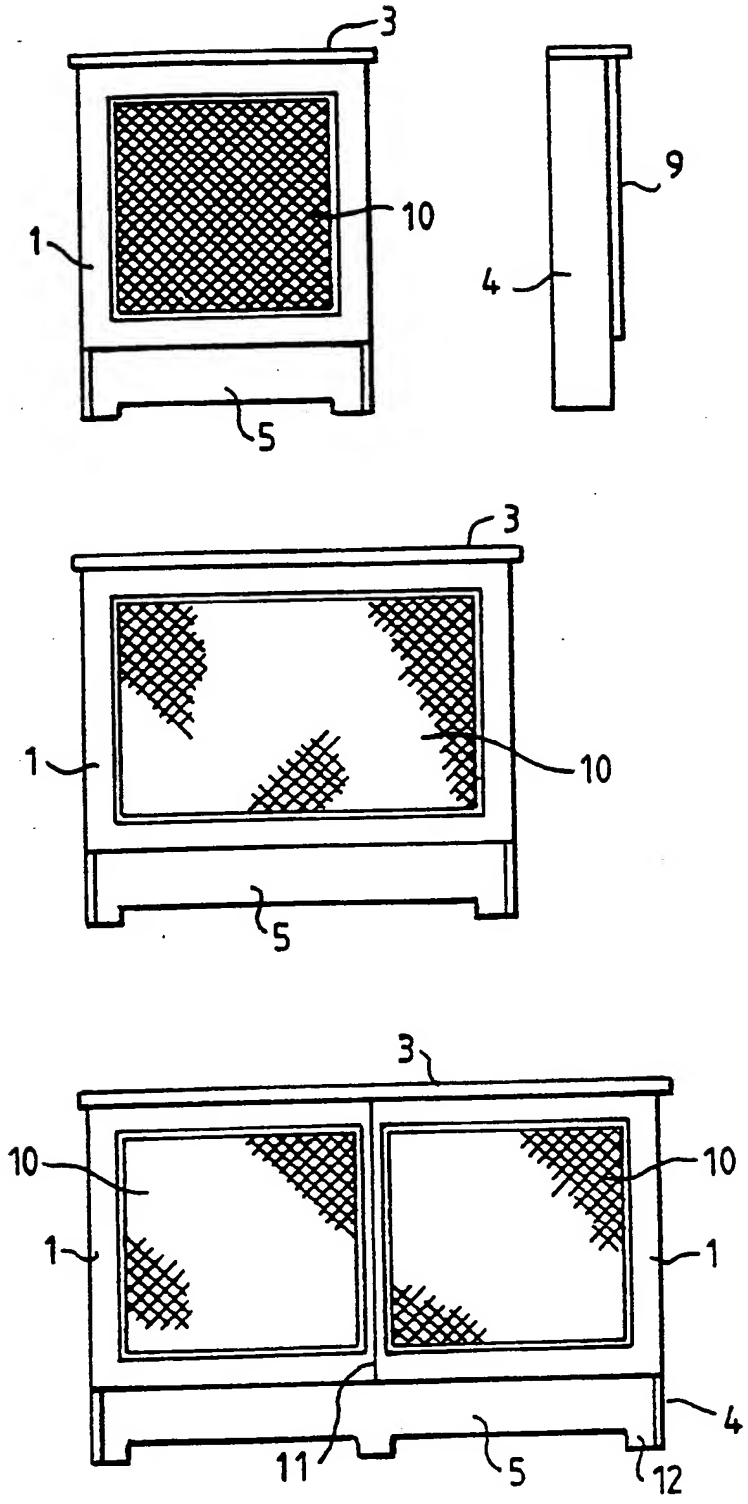

FIG.1.

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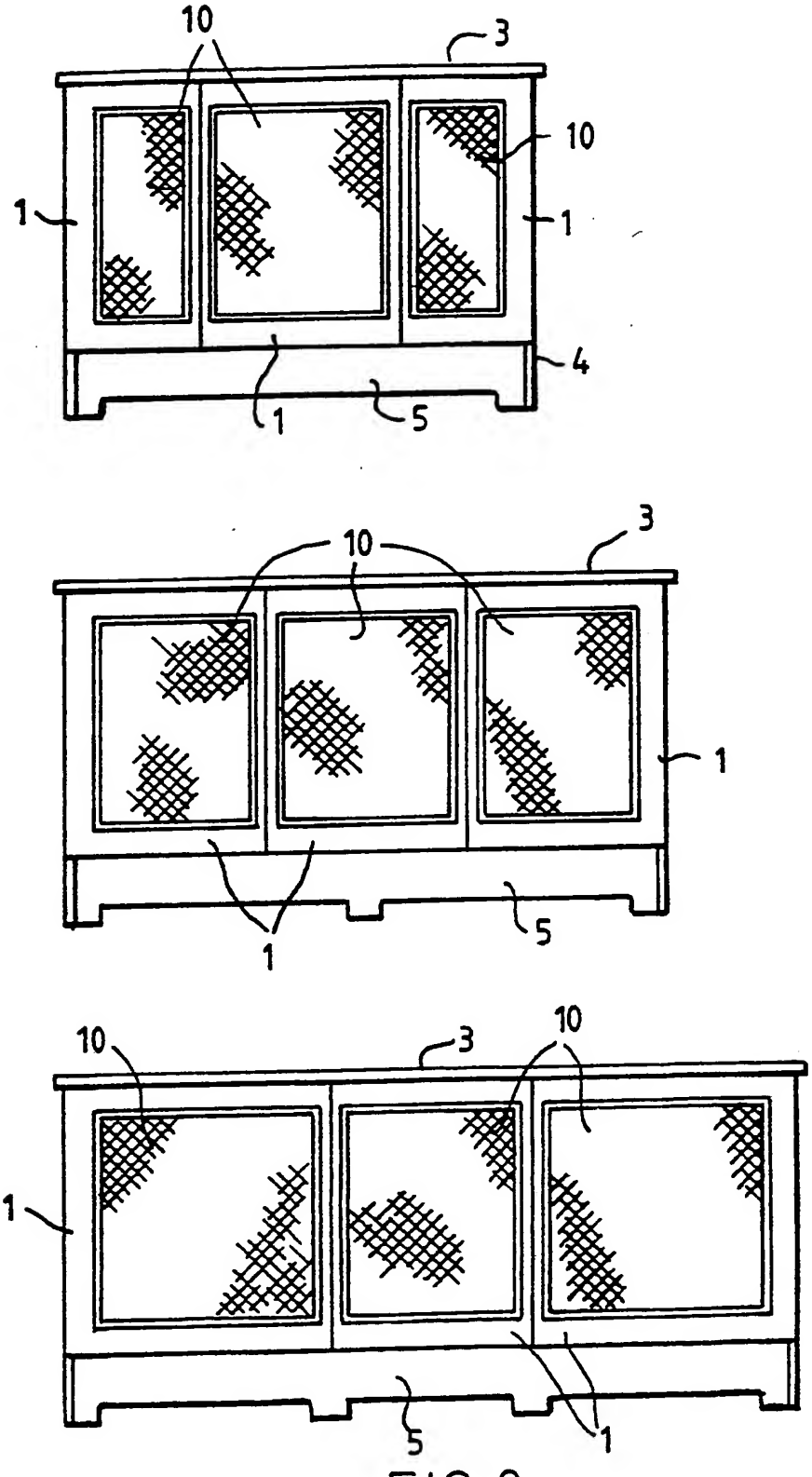

FIG 2

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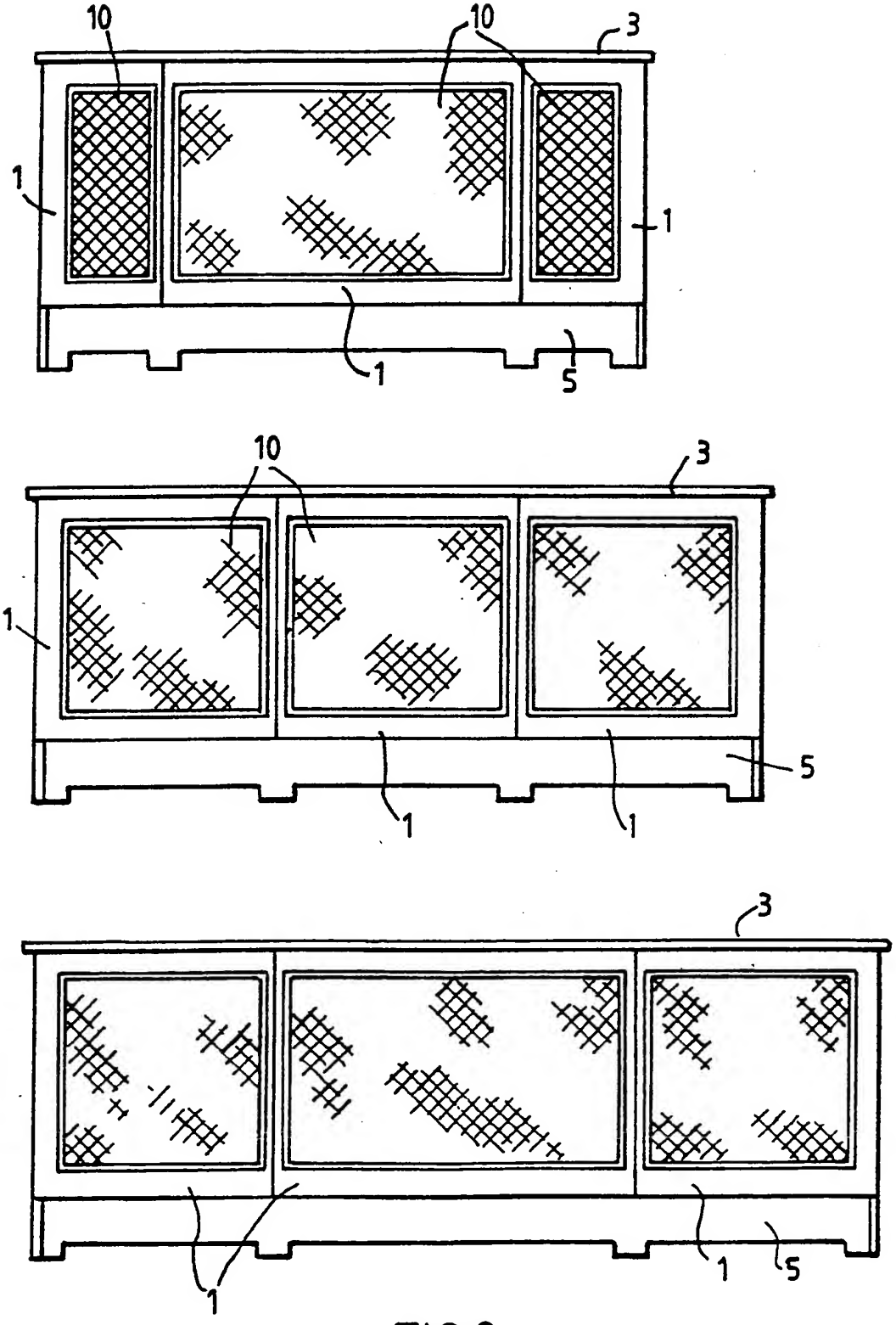

FIG.3.

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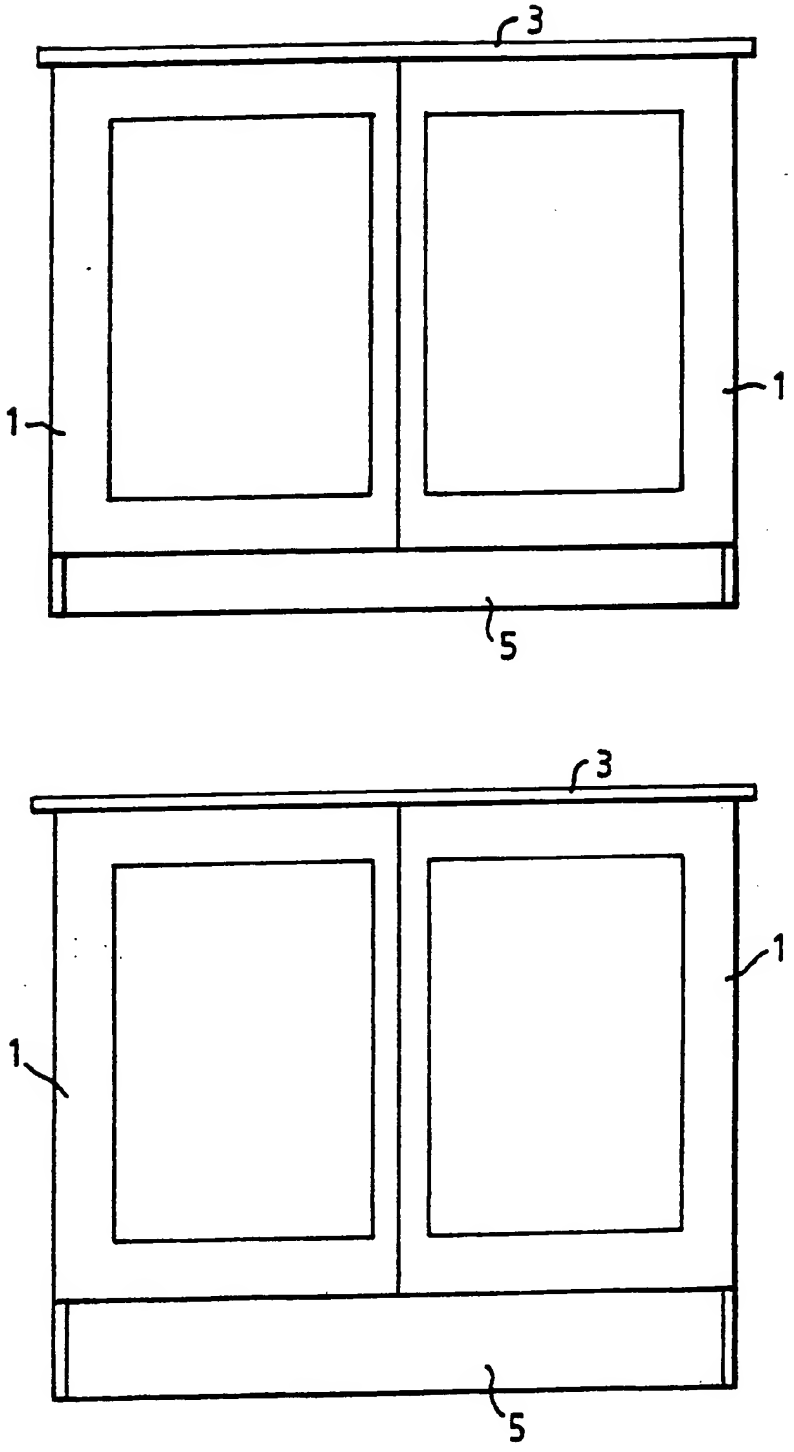

FIG. 4.

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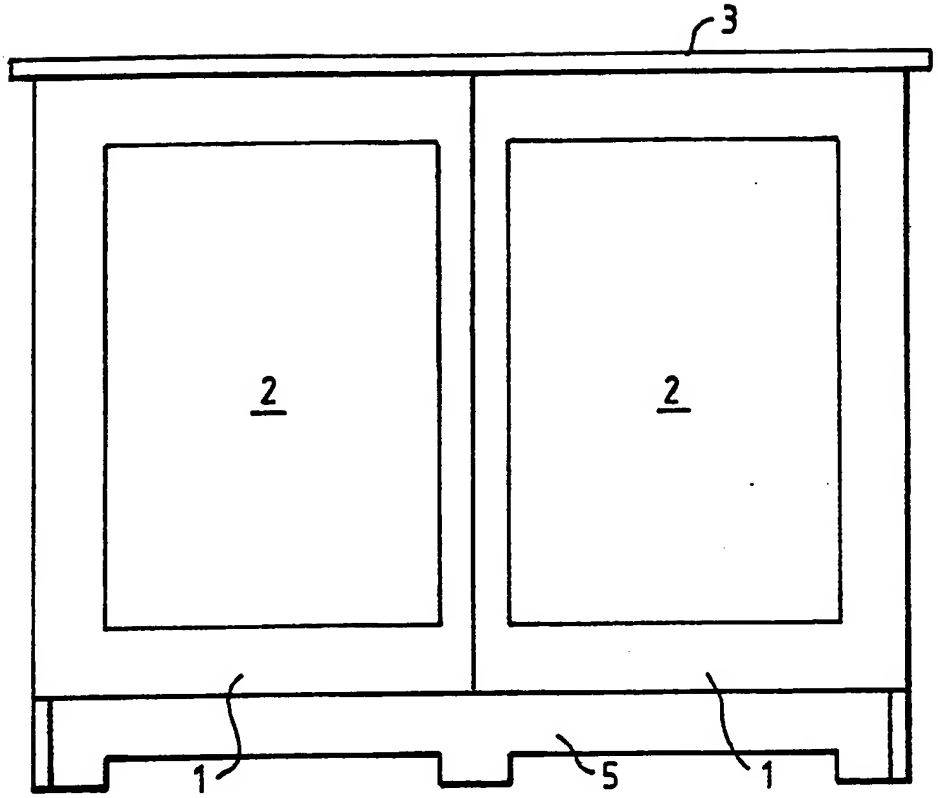

FIG.5.

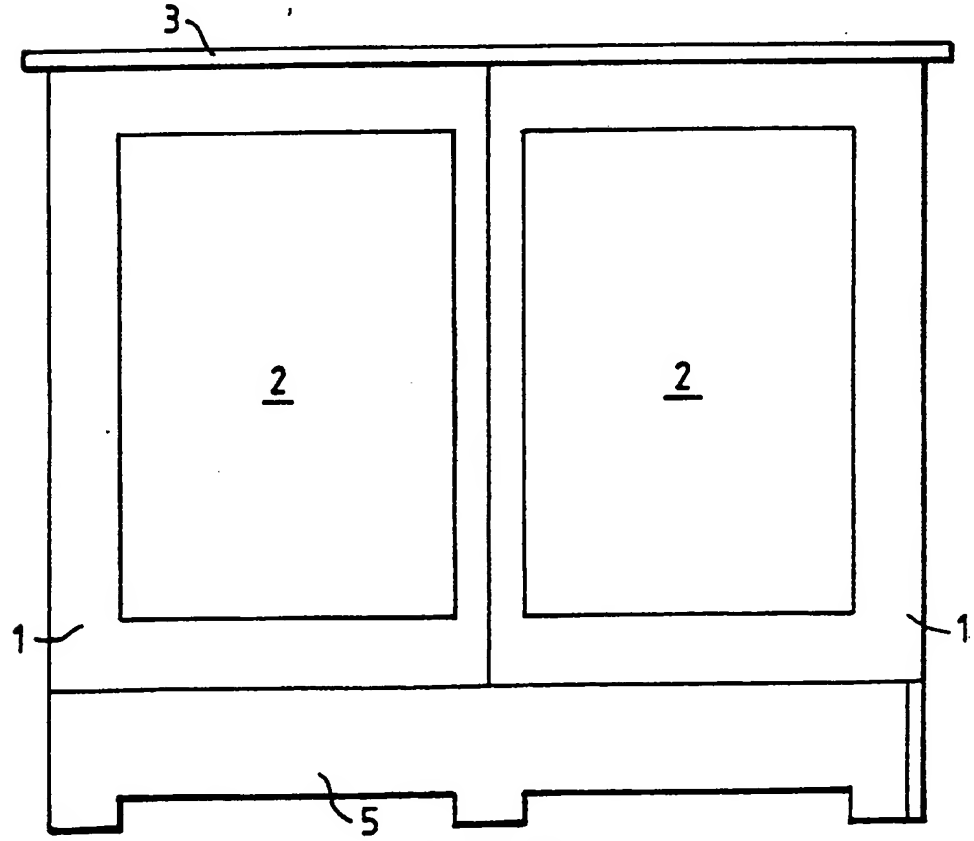

FIG.6.

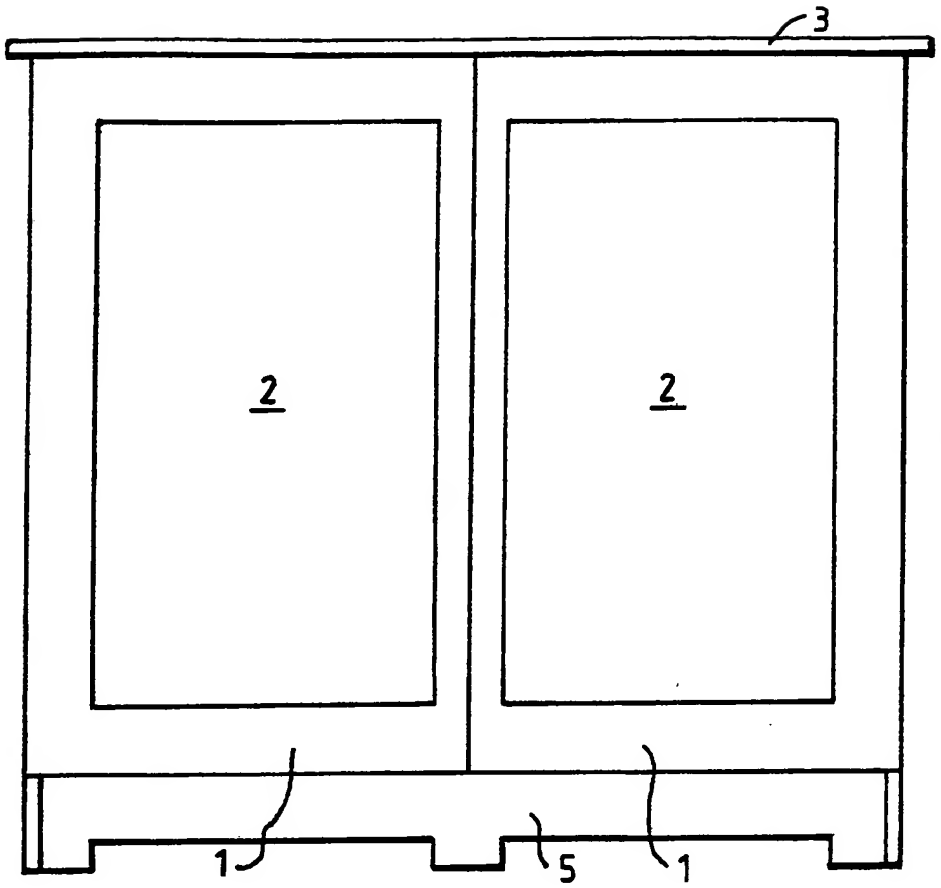

FIG.7.

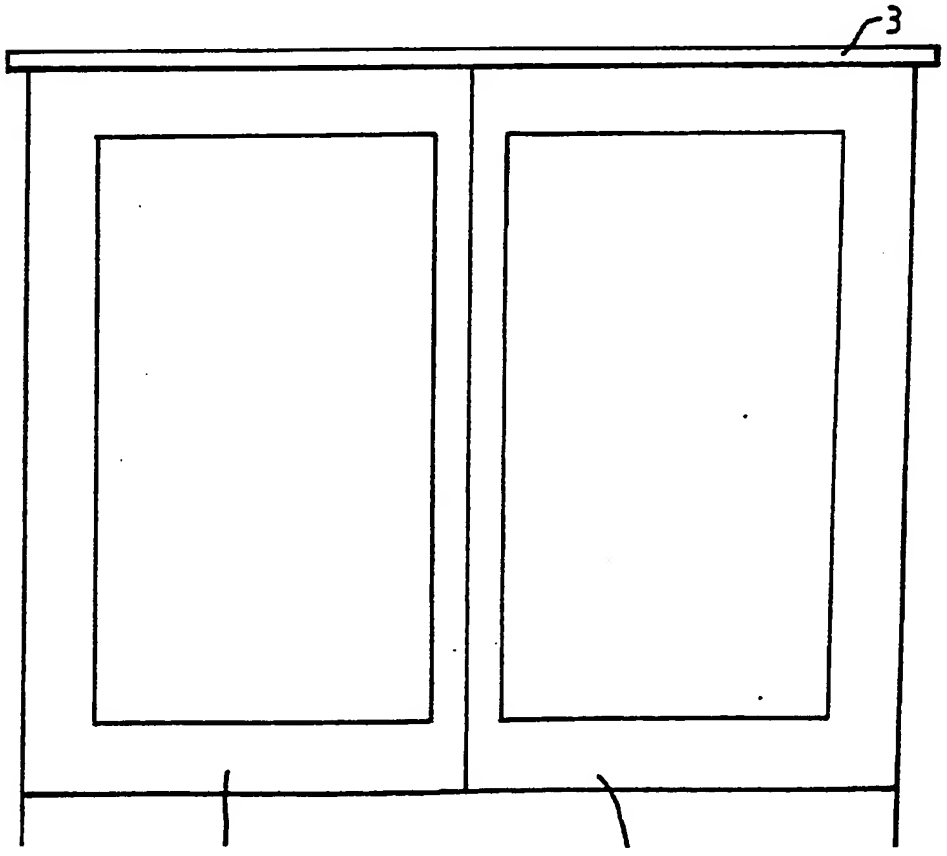

FIG.8.

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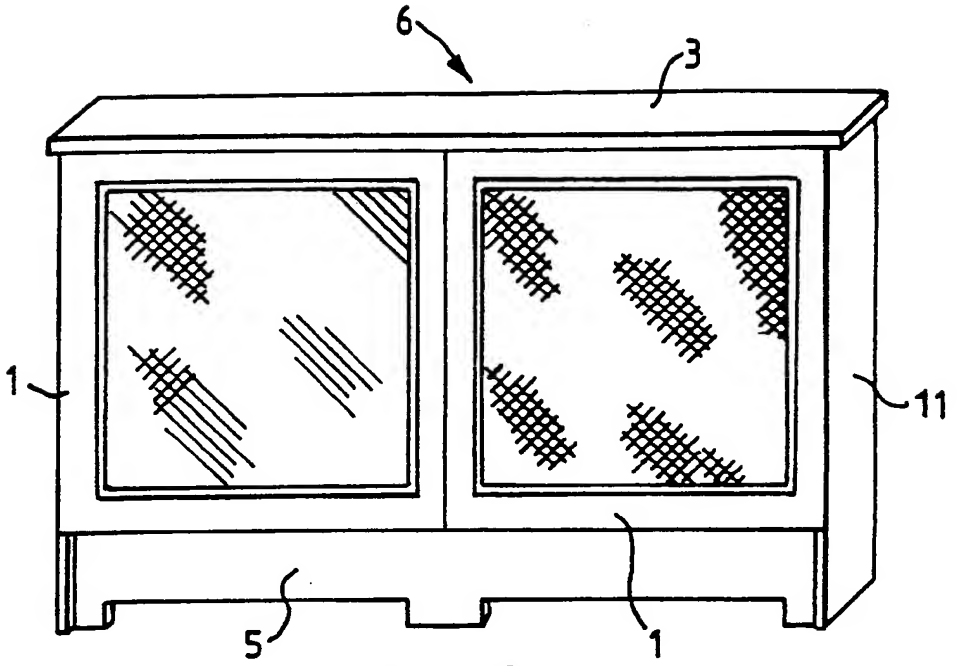

FIG.9.

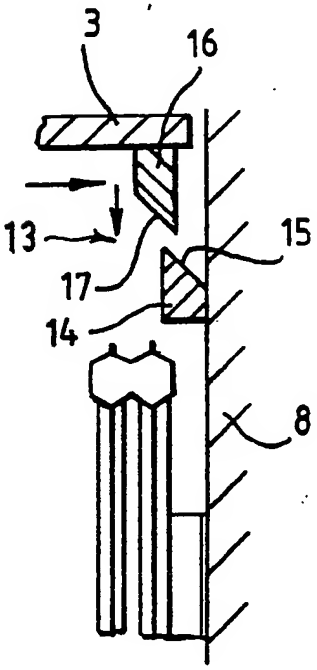

FIG.10A.

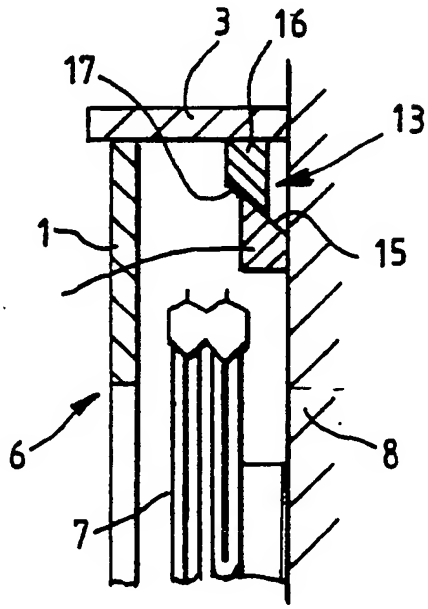

FIG.10B.

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A set of parts

The invention relates to a set of parts for assembly to provide a cover for a fixture such as a wall-mounted radiator in a building such as a dwelling.

Radiators of central heating systems are often wall mounted. In certain situations, particularly in dwellings, the radiators take up valuable space, as well as sometimes being unsightly. Radiator covers have therefore been provided in the past, but these covers are expensive and have to be manufactured on a piece-meal basis, that is each particular radiator requires its own particular cover. This is expensive as radiators come in a variety of sizes.

It is accordingly an object of this invention to seek to mitigate this disadvantage.

Accordingly the invention provides in one of its aspects a set of parts comprising a plurality of frames each defining a ventilation opening, a plurality of tops, a plurality of sides and a plurality of plinths, whereby a module can be assembled to provide a cover for a particular wall mounted unit.

There may be a plurality of modules which having complementary means at lateral boundaries thereof whereby to enable the modules to be connected together to provide the respective ventilation openings in substantially the same place.

The modules may each include hook ground means whereby the module is securely mounted on a substrate such as a wall supporting a unit to be covered by the assembled set of parts.

The ventilation aperture of the or each frame may be covered with an air permeable cover, such as a fabric, metal mesh or any other

According to a second aspect the invention provides a cover assembled from a set of parts as hereinbefore defined for covering a wall-mounted unit such as a radiator of a central heating system.

A set of parts embodying the invention is hereinafter described, by way of example, with reference to the accompanying drawings.

Fig. 1 shows three different sizes of module assembled from a set of parts according to the invention, of the same height;

Fig. 2 shows three further sizes of module assembled from a set of parts according to the invention, of the same height;

Fig. 3 shows three further sizes of module assembled from the set of parts according to the invention, of the same height;

Fig. 4 shows two further modules assembled from a set of parts according to the invention, of different heights;

Figs. 5 to 8 show respectively four further modules assembled from a set of parts according to the invention;

Fig. 9 shows a perspective view of a module assembled from a kit of parts according to the invention; and

Figs. 10A and 10B show substantially a method of mounting an assembled module on a substrate such as a wall which also supports a unit such as a central heating radiator.

Referring to the drawings, in which like parts are indicated by like reference numerals, there is shown a set of parts comprising a plurality of frames each defining a ventilation opening 2, a plurality of tops 3, a plurality of sides 4 and a plurality of plinths 5, whereby a module can be assembled to provide a cover 6 for a particular wall-mounted unit 7.

All the parts are primarily intended to be assembled to form a cover for a wall-mounted radiator 7. When assembled, the cover 6 is essentially a box which has an open, in use back, which when offered up to the wall 8, the wall provides the back of the otherwise open unit.

There are different frame 1 lengths based on a standard length of 6 inches (15.25 cms) in the example shown, there being frame lengths of 2, 3, 4 and 6 x the modular length with appropriate plinth 5 and top 3 lengths to assemble a required size of cover 6, the side 4 lengths being appropriate for the required height of cover. The thickness of each top 3 is identical in each case so that standard units can be produced. The top 3 in the assembled cover overhangs the rear (in use) edge of the sides 4 which has a bottom 9 to support the top 3 and provide rigidity.

Each ventilation 2 opening is closed by an air permeable cover such as a woven fabric or metal grille 10. There is means whereby an auxiliary frame supporting this air permeable membrane is removably mounted in the frame so that a cover can be changed in appearance.

Different lengths and heights of radiator cover 6 can then it will be understood, be assembled as desired for a required height of radiator by assembling the standard frames 1 with appropriate fixing means such as screws or adhesive and battens 11, the different members of the frames (apart from the air permeable cover) being made of wood. Thus a cover 6 twice the size of the top one in Fig. 1 is assembled from two thereof as shown in the bottom one in Fig. 1, with an appropriate length plinth 5.

The plinths may have feet 12.

The covers 6 may be mounted on the wall in any appropriate way, for examply by the hook ground of Figs. 10A and 10B In this construction, a batten 14 with an inclined upper surfacen 15 is secured to the wall 8 as by screws, a batten 16 with a complementary inclined surface 17 is secured to the cover which is then offered up to the wall 8 so the surface 17 is above the surface 15 and is then lowered so that the surfaces engage. Gravity ensures that the cover is held in position, against the

CLAIMS

1. A set of parts comprising a plurality of frames each defining a ventilation opening, a plurality of tops, a plurality of sides and a plurality of plinths, whereby a module can be assembled to provide a cover for a particular wall mounted unit.

2. A set of parts according to Claim 1, in which there is a plurality of modules which have complementary means at lateral boundaries thereof whereby to enable the modules to be connected together to provide the respective ventilation openings in substantially the same plane.

3. A set of parts according to Claim 1 or Claim 2, in which the modules each include hook ground means whereby the module is securely mounted on a substrate.

4. A set of parts according to any preceding claim, the ventilation aperture of the or each frame being covered with an air permeable cover.

5. A set of parts according to Claim 4, the air permeable cover comprising a fabric, metal mesh or any other suitable material.

6. A set of parts substantially as hereinbefore described with reference to the accompanying drawings.

7. A cover assembled from a set of parts according to any preceding claim for covering a wall-mounted unit such as a radiator of a central heating system.

8. A cover according to Claim 7, having an open back.

9. A cover according to Claim 8, comprising a wooden frame.

10. A cover for a radiator, substantially as hereinbefore described with reference to the accompanying drawings.

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